

Title (en)

OXO-HETEROCYCLE FUSED PYRIMIDINE COMPOUNDS, COMPOSITIONS AND METHODS OF USE

Title (de)

OXOHETEROZYKLISCHE FUSIONIERTER PYRIMIDINVERBINDUNGEN UND -ZUSAMMENSETZUNGEN SOWIE VERFAHREN ZU IHRER VERWENDUNG

Title (fr)

COMPOSÉS PYRIMIDINE FUSIONNÉS À OXO-HÉTÉROCYCLES, COMPOSITIONS ET PROCÉDÉS D'UTILISATION

Publication

**EP 2445346 A4 20121205 (EN)**

Application

**EP 10792616 A 20100623**

Priority

- US 2010039685 W 20100623
- US 22001109 P 20090624
- US 25228409 P 20091016

Abstract (en)

[origin: US2010331305A1] Disclosed are compounds of Formula I, including stereoisomers, geometric isomers, tautomers, solvates, metabolites and pharmaceutically acceptable salts thereof, that are useful in modulating PIKK related kinase signaling, e.g., mTOR, and for the treatment of diseases (e.g., cancer) that are mediated at least in part by the dysregulation of the PIKK signaling pathway (e.g., mTOR).

IPC 8 full level

**A01N 43/54** (2006.01); **C07D 491/048** (2006.01); **C07D 491/052** (2006.01); **C07D 491/18** (2006.01); **C07D 519/00** (2006.01)

CPC (source: EP US)

**A61P 35/00** (2017.12 - EP); **A61P 35/02** (2017.12 - EP); **A61P 35/04** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07D 491/048** (2013.01 - EP US); **C07D 491/052** (2013.01 - EP US); **C07D 491/18** (2013.01 - EP US); **C07D 519/00** (2013.01 - EP US)

Citation (search report)

- [XII] WO 2007127175 A2 20071108 - PIRAMED LTD [GB], et al
- [XII] WO 2008070740 A1 20080612 - PIRAMED LTD [GB], et al
- [XII] WO 2008073785 A2 20080619 - GENENTECH INC [US], et al
- See references of WO 2010151601A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

**US 2010331305 A1 20101230**; CA 2766151 A1 20101229; CN 102480961 A 20120530; EP 2445346 A1 20120502; EP 2445346 A4 20121205; JP 2012531422 A 20121210; SG 176959 A1 20120130; WO 2010151601 A1 20101229

DOCDB simple family (application)

**US 82199810 A 20100623**; CA 2766151 A 20100623; CN 201080037453 A 20100623; EP 10792616 A 20100623; JP 2012517697 A 20100623; SG 2011095304 A 20100623; US 2010039685 W 20100623